

Serial No. 09/644,797

Amendments to the Claims

The listing of claims will replace the previous version, and the listing of claims:

Listing of Claims

1. (Currently amended) A body mounting display system, comprising:

a display device to be worn by a user and having at least one interface;

a computer situated away from the display device and having a bus line for outputting signals corresponding to at least display data, said computer transmitting a plurality of different kinds of signals; and

a radio transmission device disposed between the display device and the computer, and including a computer side output transmission circuit connected to the computer through the bus line, and a body side output transmission circuit,

wherein the body side output transmission circuit is adapted to be worn by the user and is connected to the display device through the at least one interface, and so that the signals at the computer passing through the bus line are transmitted wirelessly from the computer side output transmission circuit to the body side output transmission circuit ~~display device by wireless as they are, and are processed~~ restored at a user side to be displayed at the display device through the at least one interface, ~~said signals being transferred to the body side output transmission circuit without processing and being processed to obtain each kind of signals at the user side.~~

2. (Currently amended) A body mounting display system according to claim 1, wherein said computer side output transmission circuit includes a first buffer memory to which data corresponding to the signals is written by the computer, a first reading device for reading data stored in the first buffer memory and converting the data to communication signals, and a first sending device for sending the communication signals; said body side output

Serial No. 09/644,797

transmission circuit includes a first receiving device for receiving the communication signals sent from the computer side output transmission circuit, and a first restoring device for restoring the received communication signals to restored signals corresponding to the signals outputted from the computer without further processing the signals.

3. (Previously presented) A body mounting display system according to claim 2, wherein said at least one interface includes an image output interface connected to the first restoring device and the display device for producing signals for actuating the display device based on the restored signals outputted from the first restoring device.

4. (Currently amended) A body mounting display system, comprising:
a display device to be worn by a user,
an image output interface to be worn by the user and connected
to the display device,

a computer located away from the display device for outputting signals corresponding to display data for the display device and having a bus line, said computer transmitting a plurality of different kinds of signals, and

a signal transmission device disposed between the display device and the computer, and including a computer side output transmission circuit connected to the computer through the bus line and a body side output transmission circuit to be worn by the user and connected to the display device through the image output interface, said body side output transmission circuit being connected to the computer side output transmission circuit wirelessly,

wherein said computer side output transmission circuit ~~having~~ includes a first buffer memory to which data corresponding to the signals outputted through the bus line is written by the computer, a first reading device for reading the data stored in the first buffer memory and converting the data to communication signals and a first sending device for sending the communication signals,

Serial No. 09/644,797

said body side output transmission circuit ~~including~~ includes a first receiving device for receiving the communication signals sent from the first sending device as they are and a first restoring device for restoring the received communication signals to signals corresponding to the signals outputted through the bus line, and

said signals of the computer ~~[[being]]~~ wirelessly transferred to the body side output transmission circuit are only restored at the body side without processing ~~and being processed~~ to obtain each kind of signals at a user side, said image output interface processing and producing signals at the user side for actuating the display device based on the communication signals.

5. (Canceled)

6. (Previously presented) A body mounting display system according to claim 8, further comprising: an output device different from the display device and worn by the user, and an output interface for connecting the output device to the body side output transmission circuit, said computer outputting a signal corresponding to an output content of the output device through the bus line, said output interface producing a signal for actuating the output device based on the signal corresponding to the output content among signals restored by the body side output transmission circuit.

7. (Previously presented) A body mounting display system according to claim 8, wherein said communication signal is transmitted from a sending side to a receiving side by radio transmission.

8. (Previously presented) A body mounting display system, comprising:

- a display device to be worn by a user,
- an image output interface connected to the display device,
- a computer located away from the display device for outputting a signal corresponding to display data for the display device and having a bus line;

Serial No. 09/644,797

a signal transmission device disposed between the display device and the computer, and including a computer side output transmission circuit connected to the computer through the bus line and a body side output transmission circuit connected to the display device through the image output interface, said computer side output transmission circuit having a first buffer memory to which data corresponding to the signal outputted through the bus line is written by the computer, a first reading device for reading the data stored in the first buffer memory and converting the data to a communication signal and a first sending device for sending the communication signal, said body side output transmission circuit including a first receiving device for receiving the communication signal sent from the first sending device and a first restoring device for restoring the received communication signal to a signal corresponding to the signal outputted through the bus line, said image output interface producing a signal for actuating the display device based on the communication signal,

an input device held by the user, and

an input interface connected to the input device, an input signal produced by the input device being converted to a signal transmissible by the bus line of the computer through the input interface,

wherein said signal transmission device includes a computer side input transmission circuit connected to the bus line of the computer, and a body side input transmission circuit connected to the input device through the input interface, said body side input transmission circuit having a second converting device for converting a signal transmitted from the input interface to a communication signal and a second sending device for sending the communication signal, said computer side input transmission circuit having a second receiving device for receiving the communication signal sent from the second sending device, a second restoring device for restoring the received communication signal to a signal corresponding to the signal transmitted from the input interface, and a second buffer memory for storing as input data the signal from

Serial No. 09/644,797

the second restoring device, said input data stored in the buffer memory being read by the computer through the bus line.

9-10. (Canceled)